



Atty. Docket No. A31909-PCT-USA (072874-1153)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Hanash et al. et al.
Serial No. : 09/848,948 Examiner: Rawlings, S.L.
Filed : May 4, 2001 Group Art Unit: 1642
For : S100 PROTEINS AND AUTOANTIBODIES AS SERUM
MARKERS FOR CANCER
Customer No.: 21003

INFORMATION DISCLOSURE STATEMENT

I hereby certify that this paper is being deposited with
the United States Postal Service as first class mail in an envelop addressed to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Carmella L. Stephens

Attorney Name

Carmella L. Stephens
Signature

41,328

PTO Registration No.

October 8, 2003
Date of Signature

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§1.97 and 1.98, applicants respectfully request that the
documents listed below in reverse chronological order and on the accompanying PTO
1449 be considered by the Examiner and made of record in the above-referenced
application.

Several of the listed patent documents have been cited on the International Search
Report for International Patent Application No. PCT/US99/26226, to which the present
application claims priority. A copy of the International Search Report is also enclosed,
which indicates the possible relevance of each document cited therein.

10/15/2003 HBLANC0 00000006 09848948

02 FC:1806

180.00 0P

NY02:458677.1

1. Mochizuki et al., (1999) "Possession System: Middleware for Adaptive Multiuser Applications in a Mobile Environment", IEEE: 198-205;
2. International Patent Publication No. WO 98/37420 published August 27, 1998, with English language abstract;
3. International Patent Publication No. WO 98/35985 published August 20, 1998;
4. International Patent Publication No. WO 98/01471 published January 15, 1998;
5. Hansson et al., (1997) "Prognostic Value of Serum Analyses of S-100 Protein β in Malignant Melanoma", Anticancer Research, 17 ; 3071-3074;
6. Karnell et al. (1997) "S100B protein, 5-S-cysteinyl-dopa and 6-hydroxy- β -methoxyindole-2-carboxylic acid as biochemical markers for survival prognosis in patients with malignant melanoma," Melanoma Research, 7:393-399;
7. E. von Schoultz et al., (1996) "Prognostic value of serum analyses of S-100 β protein in malignant melanoma", Melanoma Research, vol. 6: 133-137;
8. Russian Patent No. 2,045,759 issued October 10, 1995 with English language abstract;
9. U.S. Patent No. 5,405,749 issued April 11, 1995;
10. U.S. Patent No. 5,350,687 issued September 27, 1994;
11. European Patent No. 0 585 201 issued March 2, 1994 with English language abstract;
12. Merzak et al., (1994), "Overexpression of the *18A2/mts1* gene and down-regulation of the TIMP-2 gene in invasive human glioma cell lines *in vitro*", Neuropathol App. Neurobiol. 20: 614-619;
13. Inoue et al., (1993) "Distribution of S-100 protein-positive dendritic cells and expression of HLA-DR antigen in transitional cell carcinoma of the urinary bladder in relation to tumour progression and prognosis", Virchows Arch A Pathol Anat 422: 351-355;
14. International Patent Publication No. WO 92/18535 published October 29, 1992;
15. Butler, J.E., (1981) "The amplified ELISA: Principles of and Applications for the Comparative Quantitation of Class and Subclass Antibodies and the Distribution of Antibodies and Antigens in Biochemical Separates", Meth. Enzymol., 73: 482-523; and

16. Voller et al., (1978) "Enzyme immunoassays with special reference to ELISA techniques", J. Clin. Pathol., 31: 507-520.

Copy of references 1-16 are enclosed.

Enclosed are English language abstracts corresponding to foreign language references Russian Patent No. 2,045,759 and European Patent No. 0 585 201.

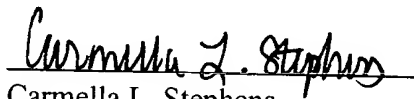
The submission of this Information Disclosure Statement does not represent that a search has been made or that no better art exists, and does not constitute an admission that any of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits of referenced application. Therefore, a check in the amount of \$180 is enclosed. However, if any fee is due, or if any overpayment has been made, the Commissioner is authorized to charge any such fee or credit any overpayment, to our Deposit Account No. 02-4377. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

BAKER BOTTS L.L.P.


Carmella L. Stephens
Patent Office Reg. No. 41,328

Attorney for Applicants
212.408.2500

Form PTO-1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark Office

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Serial No.
09/848,948

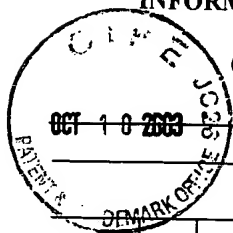
**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

(Use several sheets if necessary)

Applicants
Hanash et al.

Filing Date
May 4, 2001

Group Art Unit
1642



U.S. PATENT DOCUMENTS

*Exam. Init.	Document No.								Date	Name	Class	Subclass	Filing Date if Appropriate
	5	4	0	5	7	4	9		04/11/95	Polans et al.			
	5	3	5	0	6	8	7		09/27/94	Odink et al.			

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FOREIGN PATENT DOCUMENT

Document No.								Date	Country	Class	SubClass	Translator Yes No	
9	8	3	7	4	2	0		08/27/98	WO				
9	8	3	5	9	8	5		08/20/98	WO				
9	8	0	1	4	7	1		01/15/98	WO				
2	0	4	5	7	5	9		10/10/95	RU				
0	5	8	5	2	0	1		03/02/94	EP				

OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

		Mochizuki et al., (1999) "Possession System: Middleware for Adaptive Multiuser Applications in a Mobile Environment", IEEE: 198-205.
		Karnell et al. (1997) "S100B protein, 5-S-cysteinyldopa and 6-hydroxy-%-methoxyindole-2-carboxylic acid as biochemical markers for survival prognosis in patients with malignant melanoma," Melanoma Research, 7:393-399
		Hansson et al., (1997) "Prognostic Value of Serum Analyses of S-100 Protein β in Malignant Melanoma", Anticancer Research, 17 ; 3071-3074.
		E. von Schoultz et al., (1996) "Prognostic value of serum analyses of S-100 β protein in malignant melanoma", Melanoma Research, vol. 6: 133-137.
		Merzak et al., (1994), "Overexpression of the <i>18A2/mts1</i> gene and down-regulation of the TIMP-2 gene in invasive human glioma cell lines <i>in vitro</i> ", Neuropathol App. Neurobiol. 20: 614-619.

Examiner

Date Considered

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.
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Form PTO-1449 U.S. Department of Commerce
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*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate

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FOREIGN PATENT DOCUMENT

Document No.	Date	Country	Class	SubClass	Translator Yes No
9 2 1 8 5 3 5	10/29/92	WO			

OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

	Inoue et al., (1993) "Distribution of S-100 protein-positive dendritic cells and expression of HLA-DR antigen in transitional cell carcinoma of the urinary bladder in relation to tumour progression and prognosis", Virchows Arch A Pathol Anat 422: 351-355.
	Butler, J.E., (1981) "The amplified ELISA: Principles of and Applications for the Comparative Quantitation of Class and Subclass Antibodies and the Distribution of Antibodies and Antigens in Biochemical Separates", Meth. Enzymol 73: 482-523.
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